



AUSTRALIAN BUREAU OF STATISTICS

New South Wales Office



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THE LABOUR FORCE, NEW SOUTH WALES

NOVEMBER 1983

INQUIRIES If you want to know more about these statistics, ring Mr. I. Caddy on Sydney (02)268-4386, call at the Australian Bureau of Statistics, St. Andrew's House, Sydney Square (George Street, next to Sydney Town Hall), Sydney, or write to the Deputy Commonwealth Statistician, Box 796 GPO, Sydney, N.S.W. 2001.

MAIN FEATURES

- In November 1983, there was an estimated 2,427,400 persons in the civilian labour force in New South Wales, of whom 2,195,700 were employed and 231,600 were unemployed.
- The labour force participation rate was 59.5 per cent and the unemployment rate was 9.5 per cent.
- Since November 1982, the estimated number of persons in the civilian labour force has increased by 15,800 and the labour force participation rate decreased by 0.7 percentage points. The number of unemployed persons increased by 22,100 and the unemployment rate by 0.8 percentage points.
- In recent times, the male and female unemployment rates have tended to converge such that the female unemployment rate is now no longer consistently greater than that for males. Previously, the female unemployment rate was well above the rate for males.

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EXPLANATORY NOTES

1. This bulletin contains estimates relating to the civilian labour force and to those not in the labour force. The estimates have been derived from the results of the population survey, which is conducted on a sample basis throughout Australia. From February 1978, the survey has been conducted each month. Previously, the survey was conducted in February, May, August, and November of each year.

2. Statistics similar to those contained in Tables 1, 2 and 5 of this bulletin are published each month as they become available, in the publication Monthly Summary of Statistics (1305.1) which is available on request to this Office. Other data contained in this bulletin are also available each month (except for the occupation and industry details for employed persons, which are available only on a quarterly basis). In addition, other unpublished data may also be available. These data, if required each month as they become available, may be obtained from this Office.

3. The population survey. The survey is based on a multi-stage area sample of private dwellings (houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about one-half of one per cent of the population of New South Wales. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the survey week).

4. Scope. The survey includes all persons aged 15 and over, except :

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia; and
- (d) members of non-Australian defence forces (and their dependants), stationed in Australia.

5. The Sydney Statistical Division is predominantly urban in character - and its boundary was re-delineated in 1976 to embrace the area expected to contain the urban development of Sydney (and associated smaller urban centres) for a period of at least twenty years. This area covers the same area as the 'Sydney Region', as delineated by the State Planning Authority (now the Department of Environment and Planning) in its publication Sydney Region, 1970-2000 A.D., Outline Plan.

6. Survey sample. The population survey sample is reselected after each quinquennial Census of Population and Housing. The reselected sample of dwellings, based on 1981 Census results was introduced in the October 1982 survey. Because of the introduction of the new sample of dwellings, there was not the usual high proportion of dwellings common to each of two consecutive surveys and the standard errors of movements between September and October 1982 and any quarterly movements which include this period are therefore higher than normal. The standard errors which apply are given in a Technical Note at the end of this publication. Information on sample design and selection is given in the Technical Note in The Labour Force, Australia, 1978 (6204.0).

7. Reliability of the estimates. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, they, and the movements derived from them may differ from figures that would have been obtained if the information had been collected from occupants of all dwellings (using the same questionnaire and interviewing procedures). One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included in the survey. A Technical Note, showing the likely standard errors relating to sample estimates, is shown at the end of this publication.

8. Classifications of the labour force

(a) The labour force classification used in the survey conforms closely to the international standard definitions specified by the International Labour

Organisation (ILO). The labour force comprises all persons in scope who, during the survey week, were employed or unemployed as defined in paragraphs 8(b) and 8(c) below. The survey week comprises the seven days preceding the interview week (see note 3 above). The activities of persons in this period of reference are used in determining the classification of those who are employed. In addition to this week, the 3 weeks preceding it are also considered in identifying the unemployed. More detailed definitions of these two groups follow.

(b) Employed persons

- I. These comprise all civilians aged 15 and over who, during the survey week :
 - . worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons); or
 - . worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
 - . were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salaries while undertaking full-time study; or
 - . were employers or self-employed persons who had a job, business or farm, but were not at work.
- II. These employed persons can be classified into :
 - . full-time workers (i.e. those who usually work 35 hours or more a week and others who, although usually part-time workers, worked 35 hours or more during the survey week); and
 - . part-time workers (i.e. those who usually work less than 35 hours a week, and who did so during the survey week).

A person who held more than one job is counted only once - in the job in which he worked most hours during the survey week.

(c) Unemployed persons comprise all civilians aged 15 and over who were not employed during the survey week, and :

- I. had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week, and :
 - . were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or
 - . were waiting to start a new job within four weeks from the end of the survey week, and would have started in the survey week if the job had been available then; or
- II. were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the survey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown.

(d) Actively looking for work includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service notice boards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives.

Note. The figures shown in this bulletin for the number of persons unemployed should not be confused with those issued by the Commonwealth Department of Employment and Industrial Relations. These latter figures represent the number of persons registered as unemployed awaiting placement with the Commonwealth Employment Service.

(e) Persons not in the labour force are those who, during the survey week, were not in the categories 'employed' or 'unemployed', as defined. They include persons who were keeping house (unpaid), attending an educational institution (school, university, etc.), retired, voluntarily inactive, permanently unable to work, inmates of institutions (hospitals, gaols, sanatoria, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the survey week was jury service or unpaid

voluntary work for a charitable organisation.

(f) Duration of unemployment is the period from the time the person began looking for work or was laid off to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. Average (mean) duration is the duration obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group.

(g) Unemployed persons classified by industry and occupation. Unemployed persons who had worked full-time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job.

(h) Marital status. In the population survey, persons are classified as married or not married. The former category includes persons who are separated, while the latter category includes persons who, at the time of the survey, had never married, or were widowed, or divorced. However, the marital status to which a person is assigned depends upon the information given by the respondent, and does not necessarily reflect legal status. Prior to October 1982, respondents who stated they were living in a de facto arrangement were asked how they would describe their marital status on a Population Census schedule and the answer was recorded. From October 1982, these respondents were coded as married. This may have resulted in some discontinuity between September and October 1982 in series classified according to marital status.

9. Industry classification. The classification of industries is in accordance with the Australian Standard Industrial Classification (ASIC) described in the Bureau publication Australian Standard Industrial Classification, Vol. 1 - The Classification (1978 Edition) (1201.0).

10. Occupation classification. The classification of occupations is in

accordance with the Classification and Classified List of Occupations (Revised, June 1981).

11. Related publications

(a) Users may also wish to refer to the following publications which relate to the labour force and are available on request:

The Labour Force, Australia (Preliminary Estimates) (6202.0)
Issued monthly

The Labour Force, Australia (6203.0)
Issued monthly

The Labour Force, Australia, 1982
(6204.0)

Information Paper : Questionnaires used in the Labour Force Survey
(6232.0)

(b) In addition to the regular demographic and labour force characteristics which are contained in the above publications, supplementary and special surveys of particular aspects of the labour force and of other subjects are carried out from time to time. The results of these surveys are published separately. A list of such publications is contained in the back of the monthly publication The Labour Force, Australia (6203.0). Copies of publications containing supplementary and special survey information are available on request.

(c) Current publications produced by the ABS are listed in the Catalogue of Publications (1101.0) which is available from any ABS Office.

12. In some cases, the ABS can also make available information which is not published. Inquiries should be made as shown in the Inquiries section of this publication.

Symbols and other usages.

- * Subject to sampling variability too high for most practical purposes.
- n.a. Not available.
- r Figure or series revised since previous issue.

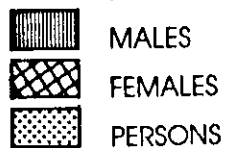
Figures have been rounded and discrepancies may occur between sums of the component items and the totals shown.

T. J. SKINNER
Deputy Commonwealth Statistician

February 1984

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UNEMPLOYMENT RATES, N.S.W.

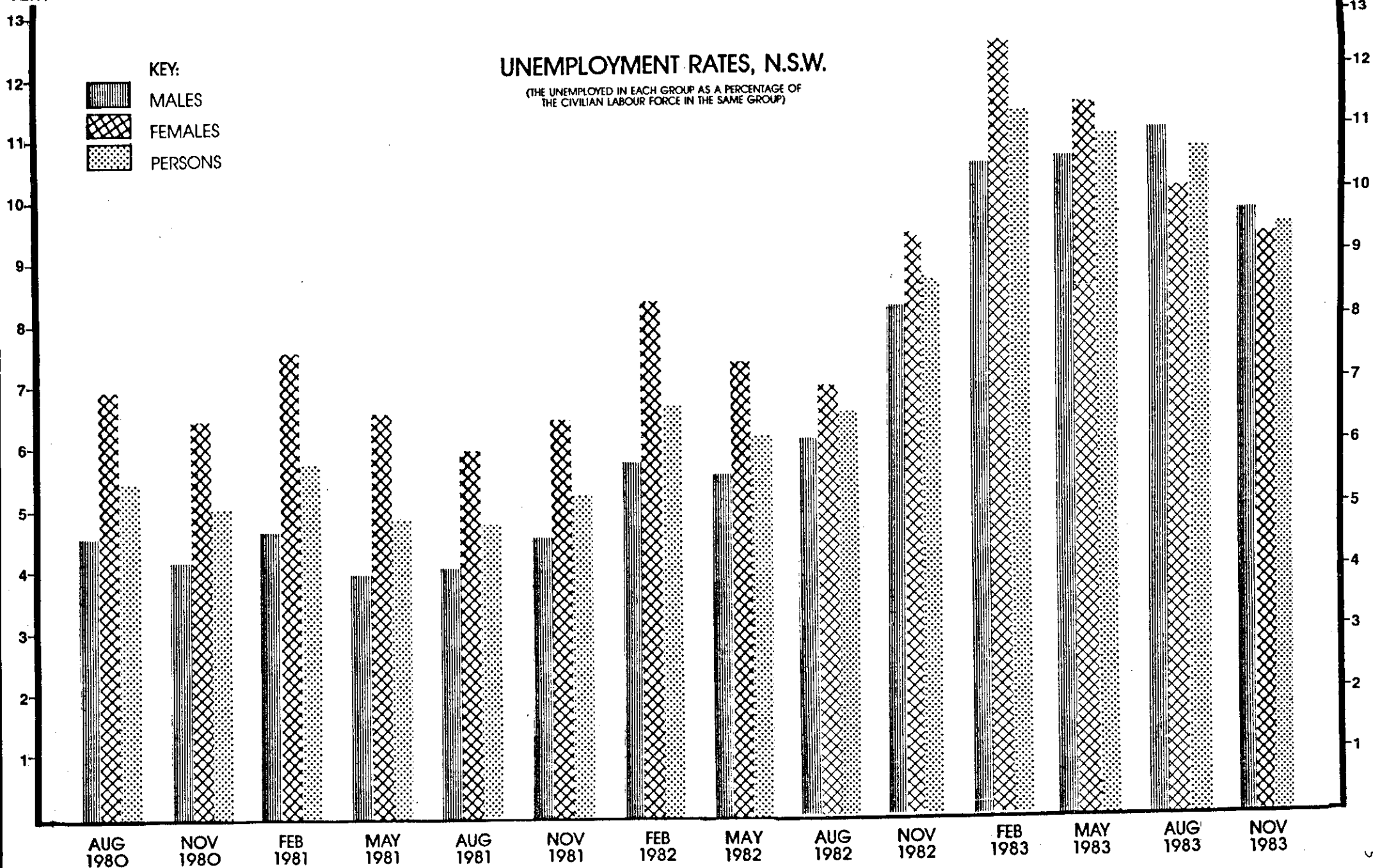
(THE UNEMPLOYED IN EACH GROUP AS A PERCENTAGE OF
THE CIVILIAN LABOUR FORCE IN THE SAME GROUP)

TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER, N.S.W.

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civilian populat- ion aged 15 and over ('000)
		Number ('000)	Unemploy- ment rate (a) (per cent)	Number ('000)	Particip- ation rate (b) (per cent)		
MALES							
1979: November	1,384.3	61.9	4.3	1,446.2	77.4	421.5	1,867.7
1980: November	1,407.8	61.9	4.2	1,469.6	77.5	427.1	1,896.7
1981: November	1,418.3	68.5	4.6	1,486.9	76.6	454.3	1,941.2
1982: October	1,408.1	118.7	7.8	1,526.7	77.4	445.8	1,972.6
November	1,395.2	125.5	8.3	1,520.7	77.0	455.0	1,975.8
December	1,385.5	153.5	10.0	1,539.0	77.8	439.9	1,979.0
1983: January	1,364.8	159.4	10.5	1,524.3	76.9	457.9	1,982.2
February	1,377.7	163.6	10.6	1,541.3	77.6	444.1	1,985.4
March	1,372.7	167.4	10.9	1,540.1	77.4	448.5	1,988.6
April	1,368.0	162.4	10.6	1,530.4	76.9	461.0	1,991.4
May	1,368.2	162.6	10.6	1,530.8	76.8	463.6	1,994.4
June	1,362.6	162.2	10.6	1,524.8	76.3	472.6	1,997.3
July	1,357.2	161.5	10.6	1,518.7	75.9	481.6	2,000.3
August	1,344.1	166.9	11.0	1,511.0	75.4	492.2	2,003.2
September	1,367.8	166.5	10.9	1,534.4	76.5	472.0	2,006.4
October	1,358.5	160.2	10.5	1,518.7	75.6	490.4	2,009.1
November	1,363.2	146.1	9.7	1,509.3	75.0	502.5	2,011.8
MARRIED FEMALES							
1979: November	491.1	22.8	4.4	513.9	42.3	701.8	1,215.7
1980: November	478.6	24.7	4.9	503.3	41.4	711.4	1,214.6
1981: November	489.8	24.9	4.8	514.8	41.7	719.4	1,234.2
1982: October	510.0	34.4	6.3	544.4	43.0	720.7	1,265.0
November	503.6	35.4	6.6	539.0	42.8	721.1	1,260.1
December	498.1	35.8	6.7	534.0	42.1	735.6	1,269.5
1983: January	470.8	28.9	5.8	499.7	39.6	763.2	1,262.9
February	493.0	47.0	8.7	539.9	42.5	730.7	1,270.6
March	503.5	48.7	8.8	552.1	43.3	721.8	1,273.9
April	487.5	41.5	7.8	529.0	41.8	738.0	1,267.0
May	492.0	44.1	8.2	536.1	42.2	734.7	1,270.8
June	493.4	44.2	8.2	537.6	41.9	744.0	1,281.6
July	493.3	42.5	7.9	535.8	41.9	744.0	1,279.8
August	480.7	39.3	7.6	520.0	40.6	760.4	1,280.4
September	494.2	46.7	8.6	540.9	42.3	736.9	1,277.8
October	488.8	40.8	7.7	529.6	41.7	739.8	1,269.4
November	499.7	33.9	6.4	533.6	42.2	731.3	1,264.9

For footnotes, see page 7.

TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,
N.S.W. (continued)

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civilian populat- ion aged 15 and over ('000)
		Number ('000)	Unemploy- ment rate (a) (per cent)	Number ('000)	Particip- ation rate (b) (per cent)		
ALL FEMALES							
1979: November	780.5	56.1	6.7	836.6	43.3	1,096.6	1,933.1
1980: November	795.7	55.3	6.5	851.0	43.4	1,109.7	1,960.8
1981: November	821.6	57.2	6.5	878.9	43.9	1,121.1	2,000.0
1982: October	802.4	78.5	8.9	880.9	43.4	1,149.1	2,029.9
November	806.9	84.0	9.4	890.9	43.8	1,142.2	2,033.0
December	803.6	96.1	10.7	899.7	44.2	1,136.4	2,036.1
1983: January	776.6	91.9	10.6	868.5	42.6	1,170.8	2,039.3
February	800.1	114.8	12.5	914.8	44.8	1,127.5	2,042.4
March	812.3	112.1	12.1	924.5	45.2	1,121.0	2,045.4
April	802.6	96.7	10.8	899.3	43.9	1,149.0	2,048.3
May	808.0	103.8	11.4	911.8	44.4	1,139.5	2,051.4
June	803.9	96.5	10.7	900.4	43.8	1,154.0	2,054.4
July	809.3	90.1	10.0	899.3	43.7	1,158.1	2,057.5
August	793.8	89.1	10.1	882.9	42.8	1,177.6	2,060.5
September	813.5	102.3	11.2	915.8	44.4	1,147.9	2,063.7
October	812.1	91.9	10.2	904.0	43.7	1,162.6	2,066.6
November	832.6	85.5	9.3	918.1	44.4	1,151.4	2,069.4
PERSONS							
1979: November	2,164.8	118.0	5.2	2,282.8	60.1	1,518.0	3,800.8
1980: November	2,203.4	117.2	5.1	2,320.7	60.2	1,536.8	3,857.4
1981: November	2,240.0	125.8	5.3	2,365.8	60.0	1,575.4	3,941.2
1982: October	2,210.5	197.1	8.2	2,407.6	60.2	1,594.9	4,002.5
November	2,202.1	209.5	8.7	2,411.6	60.2	1,597.2	4,008.8
December	2,189.1	249.7	10.2	2,438.7	60.7	1,576.4	4,015.1
1983: January	2,141.4	251.4	10.5	2,392.8	59.5	1,628.7	4,021.5
February	2,177.8	278.4	11.3	2,456.1	61.0	1,571.6	4,027.8
March	2,185.0	279.5	11.3	2,464.5	61.1	1,569.5	4,034.1
April	2,170.6	259.1	10.7	2,429.7	60.1	1,610.0	4,039.7
May	2,176.2	266.4	10.9	2,442.6	60.4	1,603.1	4,045.7
June	2,166.5	258.7	10.7	2,425.1	59.9	1,626.6	4,051.7
July	2,166.5	251.6	10.4	2,418.0	59.6	1,639.7	4,057.7
August	2,137.9	256.0	10.7	2,393.9	58.9	1,669.8	4,063.7
September	2,181.3	268.9	11.0	2,450.2	60.2	1,619.9	4,070.1
October	2,170.6	252.1	10.4	2,422.7	59.4	1,653.0	4,075.7
November	2,195.7	231.6	9.5	2,427.4	59.5	1,653.9	4,081.3

(a) The number of unemployed in each group as a percentage of the total labour force in the same group. (b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group.

TABLE 2. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,
SYDNEY STATISTICAL DIVISION

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civilian populat- ion aged 15 and over ('000)
		Number ('000)	Unemploy- ment rate (a) (per cent)	Number ('000)	Particip- ation rate (b) (per cent)		
MALES							
1979: November	875.2	39.4	4.3	914.5	77.8	261.2	1,175.7
1980: November	890.9	38.3	4.1	929.1	77.9	263.9	1,193.0
1981: November	897.6	38.7	4.1	936.3	76.8	283.6	1,219.9
1982: October	899.7	67.5	7.0	967.2	78.1	271.7	1,238.9
November	886.6	76.4	7.9	963.1	77.6	277.8	1,240.9
1983: August	855.7	100.7	10.5	956.4	76.0	301.7	1,258.1
September	872.6	99.0	10.2	971.6	77.1	288.4	1,260.0
October	865.2	98.0	10.2	963.1	76.3	298.6	1,261.7
November	874.0	87.2	9.1	961.3	76.1	302.2	1,263.5
MARRIED FEMALES							
1979: November	334.9	13.1	3.8	348.0	45.3	419.8	767.8
1980: November	318.0	16.0	4.8	334.0	43.8	428.7	762.6
1981: November	333.4	15.7	4.5	349.0	45.1	424.5	773.5
1982: October	339.8	23.4	6.5	363.2	45.8	430.4	793.6
November	330.1	23.3	6.6	353.4	44.6	439.2	792.5
1983: August	317.3	26.9	7.8	344.1	43.2	453.0	797.2
September	329.8	31.8	8.8	361.7	45.2	438.5	800.2
October	326.0	27.0	7.7	353.0	44.6	439.3	792.3
November	331.6	24.5	6.9	356.1	44.9	436.4	792.5
ALL FEMALES							
1979: November	541.5	32.7	5.7	574.2	45.9	676.0	1,250.3
1980: November	547.9	31.2	5.4	579.1	45.7	687.4	1,266.5
1981: November	576.1	32.2	5.3	608.2	47.1	682.4	1,290.6
1982: October	550.9	47.2	7.9	598.1	45.7	711.0	1,309.1
November	547.2	51.4	8.6	598.6	45.7	712.5	1,311.1
1983: August	546.6	58.4	9.7	605.1	45.5	723.6	1,328.7
September	562.0	65.5	10.4	627.5	47.2	703.2	1,330.7
October	562.9	56.3	9.1	619.2	46.5	713.3	1,332.5
November	568.8	54.6	8.8	623.4	46.7	710.9	1,334.4
PERSONS							
1979: November	1,416.7	72.1	4.8	1,488.8	61.4	937.2	2,426.0
1980: November	1,438.8	69.4	4.6	1,508.2	61.3	951.3	2,459.5
1981: November	1,473.6	70.9	4.6	1,544.5	61.5	966.0	2,510.5
1982: October	1,450.6	114.7	7.3	1,565.2	61.4	982.7	2,548.0
November	1,433.8	127.8	8.2	1,561.6	61.2	990.3	2,552.0
1983: August	1,402.4	159.1	10.2	1,561.5	60.4	1,025.3	2,586.7
September	1,434.5	164.5	10.3	1,599.1	61.7	991.7	2,590.8
October	1,428.1	154.3	9.7	1,582.4	61.0	1,011.9	2,594.3
November	1,442.8	141.9	9.0	1,584.7	61.0	1,013.1	2,597.8

For footnotes, see page 7.

TABLE 3. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER,
N.S.W. : AREAS OUTSIDE SYDNEY STATISTICAL DIVISION

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civilian populat- ion aged 15 and over ('000)
		Number ('000)	Unemploy- ment rate (a) (per cent)	Number ('000)	Particip- ation rate (b) (per cent)		
MALES							
1979: November	509.1	22.6	4.2	531.7	76.8	160.2	691.9
1980: November	516.9	23.6	4.4	540.5	76.8	163.2	703.6
1981: November	520.8	29.8	5.4	550.6	76.3	170.7	721.3
1982: October	508.4	51.2	9.1	559.6	76.3	174.1	733.7
November	508.6	49.1	8.8	557.7	75.9	177.2	734.9
1983: August	488.4	66.3	11.9	554.6	74.4	190.5	745.2
September	495.3	67.5	12.0	562.8	75.4	183.5	746.3
October	493.3	62.2	11.2	555.6	74.3	191.8	747.4
November	489.2	58.9	10.7	548.0	73.2	200.3	748.4
MARRIED FEMALES							
1979: November	156.2	9.7	5.8	165.9	37.0	282.0	447.9
1980: November	160.6	8.7	5.1	169.3	37.5	282.7	452.0
1981: November	156.5	9.3	5.6	165.7	36.0	294.9	460.7
1982: October	170.2	10.9	6.0	181.1	38.4	290.3	471.4
November	173.5	12.2	6.6	185.7	39.7	282.0	467.6
1983: August	163.4	12.5	7.1	175.9	36.4	307.4	483.2
September	164.4	14.9	8.3	179.2	37.5	298.4	477.6
October	162.9	13.8	7.8	176.6	37.0	300.5	477.2
November	168.1	9.4	5.3	177.5	37.6	294.9	472.4
ALL FEMALES							
1979: November	239.0	23.3	8.9	262.3	38.4	420.5	682.8
1980: November	247.7	24.2	8.9	271.9	39.2	422.4	694.3
1981: November	245.6	25.1	9.3	270.6	38.2	438.7	709.3
1982: October	251.5	31.3	11.1	282.8	39.2	438.1	720.8
November	259.7	32.6	11.2	292.3	40.5	429.7	722.0
1983: August	247.2	30.7	11.0	277.8	38.0	454.0	731.8
September	251.5	36.8	12.8	288.4	39.3	444.6	733.0
October	249.2	35.6	12.5	284.8	38.8	449.3	734.0
November	263.8	30.9	10.5	294.6	40.1	440.5	735.1
PERSONS							
1979: November	748.1	45.9	5.8	794.0	57.8	580.7	1,374.8
1980: November	764.6	47.8	5.9	812.4	58.1	585.5	1,398.0
1981: November	766.3	54.9	6.7	821.2	57.4	609.4	1,430.6
1982: October	759.9	82.5	9.8	842.4	57.9	612.2	1,454.5
November	768.3	81.7	9.6	850.0	58.3	606.9	1,456.8
1983: August	735.6	96.9	11.6	832.5	56.4	644.5	1,477.0
September	746.8	104.4	12.3	851.1	57.5	628.2	1,479.3
October	742.5	97.8	11.6	840.3	56.7	641.1	1,481.4
November	752.9	89.8	10.7	842.7	56.8	640.8	1,483.5

For footnotes, see page 7.

TABLE 4. EMPLOYED PERSONS CLASSIFIED BY AGE GROUP, N.S.W.
(*000)

Month	Age group (years)								Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over	
MALES									
1979: Nov.	112.5	174.2	369.7	295.4	250.5	105.9	53.0	23.0	1,384.3
1980: Nov.	119.2	180.7	371.9	303.5	248.3	106.8	51.8	25.6	1,407.8
1981: Nov.	113.6	183.2	370.5	315.6	247.8	108.8	56.7	22.2	1,418.3
1982: Oct.	107.8	183.3	361.8	326.8	244.7	101.6	55.1	27.0	1,408.1
Nov.	108.5	182.3	358.4	324.4	245.2	100.2	53.0	23.1	1,395.2
1983: Aug.	94.4	165.6	354.7	326.8	240.1	99.7	44.4	18.4	1,344.1
Sept.	95.2	169.0	360.0	330.7	243.1	102.8	46.1	20.9	1,367.8
Oct.	91.3	174.1	359.1	328.0	240.9	98.8	44.4	21.9	1,358.5
Nov.	90.9	172.0	366.4	330.4	240.5	98.6	44.0	20.3	1,363.2
MARRIED FEMALES									
1979: Nov.	*	51.5	145.6	145.0	106.4	29.2	7.9	*	491.1
1980: Nov.	*	46.1	140.2	145.4	99.8	28.3	10.7	*	478.6
1981: Nov.	*	45.5	144.3	147.4	103.7	29.6	10.8	5.1	489.8
1982: Oct.	*	50.3	150.5	160.5	105.6	26.1	8.7	5.2	510.0
Nov.	*	47.0	149.0	160.0	105.9	27.1	8.2	*	503.6
1983: Aug.	*	42.2	137.0	158.0	102.3	24.7	10.0	*	480.7
Sept.	*	39.0	140.2	161.1	106.1	30.7	10.7	*	494.2
Oct.	*	42.5	143.4	157.0	101.9	29.0	8.2	*	488.8
Nov.	*	42.3	148.9	161.1	105.1	27.4	8.3	*	499.7
ALL FEMALES									
1979: Nov.	99.5	130.3	193.9	170.0	128.4	39.0	13.0	6.4	780.5
1980: Nov.	102.7	134.6	196.7	172.1	125.1	39.5	17.2	7.7	795.7
1981: Nov.	99.9	139.8	205.1	177.2	128.7	43.9	17.0	10.0	821.6
1982: Oct.	86.7	138.8	204.4	187.6	124.5	37.8	15.0	7.6	802.4
Nov.	88.2	134.9	208.1	188.2	126.9	39.8	14.6	6.2	806.9
1983: Aug.	88.9	139.5	194.6	186.5	124.4	37.7	15.0	7.4	793.8
Sept.	87.8	139.9	199.5	189.0	131.4	43.0	15.7	7.1	813.5
Oct.	87.0	144.7	204.3	186.2	128.5	40.6	13.7	7.2	812.1
Nov.	89.1	147.9	210.3	194.6	131.5	38.9	13.2	7.0	832.6
PERSONS									
1979: Nov.	211.9	304.6	563.6	465.4	378.9	144.9	66.1	29.4	2,164.8
1980: Nov.	221.9	315.3	568.6	475.7	373.4	146.4	69.0	33.3	2,203.4
1981: Nov.	213.5	323.0	575.7	492.8	376.5	152.7	73.7	32.1	2,240.0
1982: Oct.	194.5	322.1	566.2	514.4	369.2	139.5	70.1	34.6	2,210.5
Nov.	196.7	317.3	566.5	512.6	372.1	140.0	67.6	29.3	2,202.1
1983: Aug.	183.3	305.1	549.2	513.3	364.4	137.4	59.5	25.7	2,137.9
Sept.	183.0	309.0	559.5	519.6	374.6	145.8	61.8	28.0	2,181.3
Oct.	178.3	318.8	563.3	514.2	369.4	139.4	58.1	29.1	2,170.6
Nov.	180.0	319.9	576.8	525.0	372.0	137.5	57.2	27.3	2,195.7

TABLE 5. EMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY DIVISION, N.S.W.
(1000)

Month	Agriculture and services to agriculture	Manufacturing	Construction	Wholesale and retail trade	Transport and storage	Finance, etc.	Community services (b)	Other Industries (c)	Total
MALES									
1979: Nov.	89.3	342.7	143.5	251.1	107.9	105.1	116.2	228.4	1,384.3
1980: Nov.	79.1	343.8	153.6	256.2	118.8	109.0	113.2	234.2	1,407.8
1981: Nov.	78.8	353.0	(d)149.5	264.2	105.7	112.7	122.4	(d)232.0	1,418.3
1982: Aug.	80.4	338.1	156.4	242.4	111.6	117.4	124.2	240.1	1,410.7
Nov.	89.7	321.8	131.1	261.4	100.7	116.8	121.4	252.3	1,395.2
1983: Feb.	83.5	317.8	128.2	252.5	114.1	116.1	119.3	246.2	1,377.7
May	89.8	305.3	120.8	255.2	106.4	118.2	121.7	250.7	1,368.2
Aug.	89.9	300.1	109.7	238.6	108.8	112.0	128.0	257.0	1,344.1
Nov.	86.6	302.5	116.6	246.3	102.1	118.3	127.2	263.5	1,363.2
FEMALES									
1979: Nov.	23.0	120.3	12.3	196.7	18.4	89.0	205.7	115.1	780.5
1980: Nov.	23.0	107.4	17.5	198.2	20.0	101.9	212.1	115.8	795.7
1981: Nov.	25.1	121.1	(d)15.3	206.8	19.7	99.5	210.9	(d)123.2	821.6
1982: Aug.	27.5	111.9	13.8	190.3	22.1	108.7	202.3	127.1	803.7
Nov.	33.5	101.2	14.4	198.9	23.3	105.2	211.0	119.4	806.9
1983: Feb.	26.2	98.3	14.2	201.2	22.5	105.8	206.2	125.8	800.1
May	26.7	107.1	16.5	195.3	21.3	107.3	207.8	126.0	808.0
Aug.	21.7	98.0	12.6	184.8	20.4	113.2	214.6	128.5	793.8
Nov.	23.4	112.7	13.7	190.2	19.1	117.6	216.2	139.7	832.6
PERSONS									
1979: Nov.	112.3	463.1	155.8	447.9	126.3	194.1	321.9	343.6	2,164.8
1980: Nov.	102.1	451.2	171.1	454.3	138.7	210.9	325.2	350.0	2,203.4
1981: Nov.	103.9	474.2	(d)164.8	471.0	125.4	212.1	333.3	(d)355.2	2,240.0
1982: Aug.	107.9	450.0	170.2	432.7	133.7	226.2	326.4	367.2	2,214.4
Nov.	123.2	423.0	145.6	460.3	124.0	222.0	332.4	371.7	2,202.1
1983: Feb.	109.7	416.1	142.4	453.7	136.6	221.9	325.5	372.0	2,177.8
May	116.6	412.5	137.3	450.5	127.7	225.4	329.6	376.7	2,176.2
Aug.	111.6	398.1	122.2	423.4	129.2	225.2	342.6	385.5	2,137.9
Nov.	110.0	415.1	130.4	436.6	121.2	235.9	343.4	403.2	2,195.7

(a) Aged 15 and over. (b) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (c) Comprises Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal, and Other Services. (d) Figures from February 1981 are not comparable with those shown for previous periods due to a review of public sector activities which resulted in changes to the ASIC classification of some employees from Construction to Other Industries.

TABLE 6. EMPLOYED PERSONS (a) CLASSIFIED BY MAJOR OCCUPATION GROUP, N.S.W.
('000)

Month	Profess- ional, technical, etc.	Adminis- trative, executive, manager- ial, and clerical	Sales	Farmers, fishermen, timber- getters, miners, etc.	Transport and commu- nication	Tradesmen, product- ion - process workers, labour- ers, n.e.c.	Service, sport, and recrea- tion	Total
MALES								
1979: Nov.	149.4	257.1	91.5	117.3	99.2	586.1	83.8	1,384.3
1980: Nov.	172.4	241.6	86.0	117.5	106.6	614.9	68.8	1,407.8
1981: Nov.	180.4	238.1	89.1	112.4	99.0	623.2	76.1	1,418.3
1982: Aug.	191.5	243.4	83.6	112.9	100.3	601.3	77.7	1,410.7
Nov.	168.2	255.2	100.8	120.2	102.2	571.3	77.1	1,395.2
1983: Feb.	181.7	245.0	88.6	116.0	100.1	565.9	80.5	1,377.7
May	177.7	242.6	90.2	123.1	98.5	554.3	81.8	1,368.2
Aug.	184.3	246.8	74.4	122.8	102.6	531.2	81.9	1,344.1
Nov.	186.7	246.6	81.8	122.8	103.8	536.9	84.5	1,363.2
FEMALES								
1979: Nov.	138.4	293.6	110.8	22.5	16.1	83.8	115.4	780.5
1980: Nov.	143.8	297.8	110.2	21.2	14.7	82.8	125.1	795.7
1981: Nov.	139.1	320.8	113.4	24.1	17.8	86.9	119.6	821.6
1982: Aug.	141.7	312.0	105.4	26.3	19.9	78.0	120.4	803.7
Nov.	138.8	306.7	111.7	33.5	15.3	70.4	130.5	806.9
1983: Feb.	135.2	319.4	113.6	28.6	14.1	64.6	124.6	800.1
May	135.9	328.9	107.9	26.4	15.1	72.9	121.0	808.0
Aug.	143.1	329.4	97.3	21.8	15.9	62.8	123.6	793.8
Nov.	148.4	332.0	109.5	23.1	18.1	70.0	131.4	832.6
PERSONS								
1979: Nov.	287.8	550.7	202.3	139.7	115.3	669.8	199.2	2,164.8
1980: Nov.	316.2	539.4	196.2	138.8	121.3	697.7	193.9	2,203.4
1981: Nov.	319.5	559.0	202.5	136.5	116.7	710.1	195.7	2,240.0
1982: Aug.	333.2	555.4	189.0	139.2	120.2	679.3	198.2	2,214.4
Nov.	307.0	561.9	212.6	153.8	117.5	641.7	207.6	2,202.1
1983: Feb.	316.9	564.4	202.2	144.6	114.2	630.5	205.0	2,177.8
May	313.6	571.5	198.1	149.5	113.6	627.1	202.7	2,176.2
Aug.	327.4	576.1	171.8	144.6	118.5	594.0	205.5	2,137.9
Nov.	335.1	578.6	191.3	145.9	122.0	606.9	216.0	2,195.7

(a) Aged 15 and over.

TABLE 7. EMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY DIVISION AND SUBDIVISION, N.S.W.,
NOVEMBER 1983

('000)

Industry division and subdivision	Males	Females	Persons
Agriculture, forestry, fishing and hunting -	92.6	24.5	117.1
Agriculture and services to agriculture	86.6	23.4	110.0
Forestry and logging	*	*	*
Fishing and hunting	*	*	*
Mining -	33.5	*	34.8
Metallic minerals	4.9	*	4.9
Coal	26.1	*	26.7
Oil and gas	*	*	*
Other mining	*	*	*
Manufacturing -	302.5	112.7	415.1
Food, beverages and tobacco	38.2	16.4	54.6
Textiles	*	*	5.8
Knitting mills, clothing and footwear	5.8	23.3	29.1
Wood, wood products and furniture	21.8	4.9	26.7
Paper, paper products, printing and publishing	30.0	13.7	43.7
Chemical, petroleum and coal products	18.0	8.3	26.3
Non-metallic mineral products	15.2	*	19.3
Basic metal products	41.8	*	45.3
Fabricated metal products	31.9	6.3	38.2
Transport equipment	32.8	*	35.4
Other machinery and equipment	44.5	20.7	65.2
Miscellaneous manufacturing	18.8	6.6	25.4
Electricity, gas and water	45.0	5.9	50.9
Construction -	116.6	13.7	130.4
General construction	47.1	6.0	53.1
Special trade construction	69.5	7.8	77.2
Wholesale and retail trade -	246.3	190.2	436.6
Wholesale trade	95.2	41.3	136.5
Retail trade	151.1	149.0	300.1
Transport and storage -	102.1	19.1	121.2
Road transport	49.6	8.2	57.8
Railway transport	25.0	*	27.7
Water transport	9.4	*	9.9
Air transport	10.9	*	13.9
Other transport and storage	7.1	4.8	11.9
Communication	36.7	15.2	51.9
Finance, property and business services -	118.3	117.6	235.9
Finance and investment	34.8	35.4	70.2
Insurance and services to insurance	13.7	17.1	30.8
Property and business services	69.8	65.1	134.9
Public administration and defence	68.4	28.5	96.9

(a) Aged 15 and over.

TABLE 7. EMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY DIVISION AND SUBDIVISION, N.S.W., NOVEMBER 1983 (continued)

('000)

Industry division and subdivision	Males	Females	Persons
Community services -	127.2	216.2	343.4
Health	38.8	106.4	145.2
Education, museum and library services	48.9	79.5	128.3
Welfare and religious institutions	13.1	20.5	33.7
Other community services	26.4	9.8	36.3
Recreation, personal and other services -	73.8	87.7	161.5
Entertainment and recreational services	22.0	15.2	37.2
Restaurants, hotels and clubs	36.9	48.2	85.0
Personal services	13.0	20.1	33.0
Private households employing staff	*	*	6.2
Total	1,363.2	832.6	2,195.7

(a) Aged 15 and over.

TABLE 8. EMPLOYED PERSONS (a) CLASSIFIED BY MAJOR AND MINOR OCCUPATION GROUPS, N.S.W., NOVEMBER 1983

('000)

Occupation group	Males	Females	Persons
Professional, technical, and related workers -	186.7	148.4	335.1
Architects, engineers and surveyors, professional	24.9	*	25.6
Chemists, physicists, geologists, and other physical scientists	5.5	*	5.9
Biologists, veterinarians, agronomists, and related scientists	*	*	*
Medical practitioners and dentists	11.2	*	14.3
Nurses, including probationers or trainees	6.1	46.0	52.0
Professional medical workers n.e.c.	*	7.4	11.7
Teachers	36.6	50.9	87.5
Clergy and related members of religious orders	*	*	*
Law professionals	9.5	*	10.6
Artists, entertainers, writers, and related workers	12.8	9.7	22.6
Draftsmen and technicians, n.e.c.	30.4	10.3	40.7
Other professional, technical, and related workers	40.2	16.4	56.7
Administrative, executive, and managerial workers -	141.7	21.3	163.0
Administrative and executive officials, government, n.e.c.	*	*	*
Employers, workers on own account, directors, managers, n.e.c.	139.5	21.1	160.5

(a) Aged 15 and over.

TABLE 8. EMPLOYED PERSONS (a) CLASSIFIED BY MAJOR AND MINOR OCCUPATION GROUPS, N.S.W.,
NOVEMBER 1983 (continued)

('000)

Occupation group	Males	Females	Persons
Clerical workers -	104.9	310.7	415.6
Book-keepers and cashiers	9.4	47.8	57.2
Stenographers and typists	*	85.9	86.5
Other clerical workers	94.9	177.1	271.9
Sales workers -	81.8	109.5	191.3
Insurance, real estate salesmen, auctioneers, and valuers	11.8	*	14.6
Commercial travellers and manufacturers agents	23.0	4.8	27.8
Proprietors and shopkeepers, workers on account, n.e.c., retail and wholesale trade; salesmen, shop assistants, and related workers	47.0	101.8	148.9
Farmers, fishermen, timber-getters, etc. -	106.1	23.1	129.2
Farmers and farm managers	55.4	18.1	73.5
Farm workers including farm foremen	45.3	4.8	50.1
Wool classers	*	*	*
Hunters and trappers	*	*	*
Fishermen and related workers	*	*	*
Timber-getters and other forestry workers	*	*	*
Miners, quarrymen, and related workers -	16.8	*	16.8
Miners, mineral prospectors, and quarrymen	15.6	*	15.6
Well drillers, oil, water, and related workers	*	*	*
Mineral treaters	*	*	*
Transport and communication -	103.8	18.1	122.0
Deck and engineer officers, ship, not services	*	*	*
Deck and engine room hands, ship and boatmen, not services	*	*	*
Aircraft pilots, navigators and flight engineers, not services	*	*	*
Drivers and firemen, rail transport	4.6	*	4.6
Drivers, road transport	74.1	5.8	80.0
Guards and conductors, railway	*	*	*
Inspectors, supervisors, traffic controllers, and despatchers, transport	7.0	*	7.7
Telephone, telegraph, and related telecommunication operators	*	7.8	10.5
Postmasters, postmen, and messengers	8.0	*	11.8
Workers in transport and communication, n.e.c.	*	*	*
Tradesmen, production-process workers, and labourers, n.e.c. -	536.9	70.0	606.9
Spinners, weavers, knitters, dyers, and related workers	*	*	*
Tailors, cutters, furriers, and related workers	7.5	20.0	27.5
Leather cutters, lasters, sewers (except gloves and garments), and related workers	*	*	*
Furnacemen, rollers, drawers, moulders, and related metal making and treating workers	6.6	*	7.0
Precision instrument makers, watchmakers, jewellers, and related workers	10.6	*	11.2
Machine toolmakers, metal machinists, mechanics, plumbers, and related metal workers	146.9	*	150.1

(a) Aged 15 and over.

TABLE 8. EMPLOYED PERSONS (a) CLASSIFIED BY MAJOR AND MINOR OCCUPATION GROUPS, N.S.W.,
NOVEMBER 1983 (continued)

('000)

Occupation group	Males	Females	Persons
Tradesmen, production - process workers, and labourers, n.e.c. (continued) -			
Electricians and related electrical and electronic workers	63.0	*	63.2
Metal workers, metal and electrical production-process workers, n.e.c.	17.4	10.2	27.6
Carpenters, woodworking machinists, cabinetmakers, and related workers	33.5	*	33.7
Painters and decorators	14.6	*	15.3
Bricklayers, plasterers, and construction workers, n.e.c.	45.4	*	45.4
Compositors, printing machinists, engravers, bookbinders, and related workers	10.3	*	12.3
Potters, kilnmen, glass and clay formers, and related workers	*	*	*
Millers, bakers, butchers, brewers, and related food and drink workers	22.8	4.9	27.6
Chemical, sugar, and paper production-process workers	5.4	*	6.0
Tobacco preparers and tobacco product makers	*	*	*
Paper products, rubber, plastic, and production-process workers, n.e.c.	14.4	9.3	23.7
Packers, wrappers, labellers	*	7.6	10.7
Stationary engine, excavating, and lifting equipment operators	30.6	*	30.9
Storemen and freight handlers	43.8	*	46.9
Labourers, n.e.c.	56.2	*	58.6
Service, sport, and recreation workers -	84.5	131.4	216.0
Fire brigade, police, and other protective service workers	19.4	*	21.4
Housekeepers, cooks, maids, and related workers	19.1	52.7	71.8
Waiters, bartenders	7.7	23.9	31.6
Caretakers, cleaners : buildings	15.7	23.9	39.6
Barbers, hairdressers, and beauticians	*	11.2	14.8
Launderers, dry cleaners, and pressers	*	*	4.8
Athletes, sportsmen, and related workers	*	*	5.7
Photographers and camera operators	*	*	*
Undertakers and crematorium	*	*	*
Service, sport, recreation workers, n.e.c.	9.9	11.9	21.9
Total	1,363.2	832.6	2,195.7

(a) Aged 15 and over.

TABLE 9. EMPLOYED PERSONS (a) CLASSIFIED BY FULL-TIME AND PART-TIME STATUS, N.S.W.
(^{'000})

Month	Full-time			Part-time			Total employed		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1979: Nov.	1,306.5	516.0	1,822.4	77.8	264.5	342.3	1,384.3	780.5	2,164.8
1980: Nov.	1,329.8	516.9	1,846.8	77.9	278.8	356.7	1,407.8	795.7	2,203.4
1981: Nov.	1,347.4	541.9	1,889.3	70.9	279.7	350.6	1,418.3	821.6	2,240.0
1982: Oct.	1,316.9	521.7	1,838.6	91.2	280.7	371.9	1,408.1	802.4	2,210.5
Nov.	1,305.8	531.4	1,837.1	89.4	275.5	364.9	1,395.2	806.9	2,202.1
1983: Aug.	1,256.8	520.1	1,776.9	87.3	273.7	361.0	1,344.1	793.8	2,137.9
Sept.	1,286.4	544.6	1,831.0	81.4	268.9	350.3	1,367.8	813.5	2,181.3
Oct.	1,270.4	533.9	1,804.3	88.1	278.2	366.3	1,358.5	812.1	2,170.6
Nov.	1,273.0	540.8	1,813.8	90.2	291.8	381.9	1,363.2	832.6	2,195.7

(a) Aged 15 and over.

TABLE 10. UNEMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY DIVISION OF LAST FULL-TIME JOB, N.S.W.
(^{'000})

Category	August 1982	November 1982	February 1983	May 1983	August 1983	November 1983
Had worked for two weeks or more in a full-time job in the last two years	100.0	138.8	169.3	171.5	160.3	133.8
Industry division -						
Agriculture and services to agriculture	4.5	6.0	8.5	6.8	5.0	5.0
Manufacturing	32.6	38.6	47.8	53.3	46.8	41.3
Construction	13.2	19.7	23.2	23.7	25.8	18.0
Wholesale and retail trade	21.0	29.8	37.4	37.9	40.0	32.8
Transport and storage	*	5.6	5.9	8.7	*	6.1
Finance, property, and business services	*	8.2	9.8	10.2	7.1	6.5
Community services (b)	5.2	9.7	13.4	8.6	9.6	6.5
Other industries (c)	15.6	21.3	23.3	22.4	21.6	17.6
Other -						
Looking for first job (d)	19.1	25.0	50.7	37.6	31.8	40.2
Other (e)	31.8	43.4	54.6	54.1	59.2	54.3
Stood down	*	*	*	*	4.6	*
Total	153.9	209.5	278.4	266.4	256.0	231.6

(a) Aged 15 and over. (b) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (c) Comprises Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal, and Other Services. (d) Persons who had never worked for two weeks or more in a full-time job. (e) Persons who had not worked full-time for two weeks or more during the last two years but who had at some time in the past.

TABLE 11. UNEMPLOYED PERSONS

Month	Age group (years)					
	15-19		20-24		25-34	
	Number ('000)	Unemployment rate (a) (per cent)	Number ('000)	Unemployment rate (a) (per cent)	Number ('000)	Unemployment rate (a) (per cent)
MALES						
1979: November	19.0	14.5	12.6	6.7	12.3	3.2
1980: November	18.5	13.4	11.2	5.9	14.6	3.8
1981: November	19.3	14.5	13.6	6.9	17.7	4.6
1982: October	27.0	20.0	25.4	12.2	33.1	8.4
November	25.9	19.3	23.9	11.6	35.4	9.0
1983: August	30.7	24.6	41.8	20.2	44.4	11.1
September	32.3	25.3	39.9	19.1	43.0	10.7
October	31.6	25.7	34.5	16.5	40.4	10.1
November	33.2	26.8	33.6	16.3	31.5	7.9
FEMALES						
1979: November	20.1	16.8	12.2	8.6	12.5	6.0
1980: November	19.1	15.7	11.6	7.9	11.1	5.4
1981: November	17.7	15.0	10.2	6.8	14.3	6.5
1982: October	19.4	12.3	18.4	11.7	18.3	8.2
November	22.1	20.1	19.2	12.5	20.0	8.7
1983: August	26.1	22.7	17.8	11.3	22.2	10.2
September	29.0	24.8	20.4	12.7	26.3	11.6
October	27.7	24.2	18.4	11.3	22.1	9.8
November	25.4	22.2	19.9	11.9	22.0	9.5
PERSONS						
1979: November	39.1	15.6	24.8	7.5	24.8	4.2
1980: November	37.6	14.5	22.8	6.7	25.7	4.3
1981: November	37.0	14.8	23.8	6.9	32.0	5.3
1982: October	46.4	19.3	43.8	12.0	51.5	8.3
November	48.0	19.6	43.1	12.0	55.3	8.9
1983: August	56.9	23.7	59.6	16.3	66.5	10.8
September	61.3	25.1	60.3	16.3	69.3	11.0
October	59.3	25.0	52.9	14.2	62.5	10.0
November	58.6	24.6	53.5	14.3	53.5	8.5

(a) The number of unemployed in each group as a percentage of the total labour force in the same group.

CLASSIFIED BY AGE GROUP, N.S.W.

Age group (years)						Total	
35-44		45-54		55 and over			
Number ('000)	Unemployment rate (a) (per cent)	Number ('000)	Unemployment rate (a) (per cent)	Number ('000)	Unemployment rate (a) (per cent)	Number ('000)	Unemployment rate (a) (per cent)
MALES							
6.3	2.1	6.1	2.4	5.6	3.0	61.9	4.3
6.6	2.1	6.5	2.5	4.5	2.4	61.9	4.2
8.8	2.7	4.9	1.9	*	*	68.5	4.6
13.5	4.0	10.8	4.2	8.9	4.6	118.7	7.8
15.5	4.6	12.9	5.0	12.0	6.4	125.5	8.3
23.5	6.7	14.9	5.8	11.6	6.7	166.9	11.0
22.4	6.3	15.5	6.0	13.5	7.3	166.5	10.9
25.1	7.1	15.7	6.1	12.9	7.3	160.2	10.5
21.2	6.0	13.9	5.5	12.7	7.2	146.1	9.7
FEMALES							
6.1	3.5	*	*	*	*	56.1	6.7
7.1	3.9	*	*	*	*	55.3	6.5
8.8	4.7	4.9	3.6	*	*	57.2	6.5
13.9	6.9	6.6	5.0	*	*	78.5	8.9
13.1	6.5	7.4	5.5	*	*	84.0	9.4
14.2	7.1	7.3	5.6	*	*	89.1	10.1
15.5	7.6	8.5	6.1	*	*	102.3	11.2
15.9	7.9	6.6	4.9	*	*	91.9	10.2
11.6	5.6	5.2	3.8	*	*	85.5	9.3
PERSONS							
12.4	2.6	9.7	2.5	7.2	2.9	118.0	5.2
13.7	2.8	10.6	2.8	6.9	2.7	117.2	5.1
17.5	3.4	9.7	2.5	5.8	2.2	125.8	5.3
27.4	5.1	17.4	4.5	10.7	4.2	197.1	8.2
28.6	5.3	20.3	5.2	14.2	5.7	209.5	8.7
37.6	6.8	22.2	5.7	13.1	5.6	256.0	10.7
37.9	6.8	24.1	6.0	16.1	6.4	268.9	11.0
41.0	7.4	22.3	5.7	14.1	5.8	252.1	10.4
32.8	5.9	19.2	4.9	14.1	6.0	231.6	9.5

TABLE 12. UNEMPLOYED PERSONS (a) CLASSIFIED BY DURATION OF UNEMPLOYMENT (b), N.S.W.

Month	Unemployed persons ('000) classified by duration of unemployment (weeks)							Total unemployment ('000)	Average duration of unemployment (weeks) (c)
	Under 2	2 and under 4	4 and under 8	8 and under 13	13 and under 26	26 and under 39	39 and over		
MALES									
1979: Nov.	6.3	5.2	7.6	7.5	7.2	7.2	21.1	61.9	38.2
1980: Nov.	8.1	5.8	7.2	4.9	8.6	7.4	19.8	61.9	44.9
1981: Nov.	6.2	9.5	9.1	9.2	9.0	7.5	18.1	68.5	33.4
1982: Oct.	7.0	9.9	18.2	14.2	24.7	13.1	31.5	118.7	34.1
Nov.	5.3	10.4	19.5	16.2	24.7	17.1	32.3	125.5	37.2
1983: Aug.	*	9.8	13.7	15.1	23.1	33.3	67.8	166.9	44.0
Sept.	7.1	10.3	15.2	14.0	18.9	26.5	74.5	166.5	46.7
Oct.	5.0	9.2	12.5	11.8	19.7	21.7	80.3	160.2	50.8
Nov.	*	7.5	11.3	11.2	20.5	16.9	74.7	146.1	49.6
FEMALES									
1979: Nov.	8.0	7.3	5.4	5.8	8.0	6.4	15.1	56.1	30.5
1980: Nov.	5.6	8.2	6.6	7.1	6.6	6.2	15.0	55.3	32.0
1981: Nov.	7.1	6.3	9.2	7.9	5.6	5.2	15.9	57.2	34.8
1982: Oct.	7.5	7.3	10.8	8.9	13.1	11.3	19.5	78.5	33.3
Nov.	6.3	9.4	12.5	10.1	13.4	10.4	21.9	84.0	33.5
1983: Aug.	6.1	6.7	11.6	7.6	10.6	15.3	31.1	89.1	42.6
Sept.	6.0	8.1	9.9	10.3	15.3	14.4	38.4	102.3	41.6
Oct.	8.1	7.1	7.1	8.6	12.6	11.6	36.8	91.9	43.7
Nov.	6.9	9.0	8.0	7.6	7.7	11.1	35.2	85.5	45.6
PERSONS									
1979: Nov.	14.2	12.5	13.0	13.3	15.2	13.5	36.2	118.0	34.5
1980: Nov.	13.8	14.1	13.8	12.0	15.2	13.6	34.8	117.2	38.8
1981: Nov.	13.3	15.8	18.3	17.1	14.6	12.6	34.0	125.8	34.0
1982: Oct.	14.5	17.2	29.0	23.0	37.8	24.4	51.0	197.1	33.8
Nov.	11.6	19.8	32.0	26.3	38.1	27.5	54.2	209.5	35.7
1983: Aug.	10.2	16.5	25.3	22.7	33.8	48.6	98.9	256.0	43.5
Sept.	13.1	18.4	25.1	24.3	34.2	40.9	113.0	268.9	44.8
Oct.	13.1	16.4	19.6	20.4	32.3	33.3	117.1	252.1	48.2
Nov.	10.9	16.4	19.3	18.9	28.2	28.0	109.9	231.6	48.2

(a) Aged 15 and over. (b) Period from the time the person began looking for work or was laid off to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration of unemployment. (c) Average duration is the duration obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group.

TABLE 13. UNEMPLOYED PERSONS (a) CLASSIFIED BY MAJOR OCCUPATION GROUP OF LAST FULL-TIME JOB, N.S.W.

('000)

Category	August 1982	November 1982	February 1983	May 1983	August 1983	November 1983
Had worked for two weeks or more in a full-time job in the last two years	100.0	138.8	169.3	171.5	160.3	133.8
Occupation group -						
Professional, technical, etc.	7.0	9.1	12.8	8.8	6.4	5.8
Administrative, executive, managerial, and clerical	11.6	18.5	19.8	23.0	22.3	17.4
Sales	8.8	11.0	15.4	14.4	14.7	12.6
Farmers, fishermen, timber getters, miners, etc.	7.6	8.9	11.5	8.7	9.3	9.5
Transport and communication	6.4	6.3	8.6	9.2	8.2	8.7
Tradesmen, production-process workers, labourers, n.e.c.	50.8	67.6	81.4	89.1	85.1	68.5
Service, sport, and recreation	7.9	17.4	19.9	18.2	14.3	11.3
Other -						
Looking for first job (b)	19.1	25.0	50.7	37.6	31.8	40.2
Other (c)	31.8	43.4	54.6	54.1	59.2	54.3
Stood down	*	*	*	*	4.6	*
Total	153.9	209.5	278.4	266.4	256.0	231.6

(a) Aged 15 and over. (b) Persons who had never worked for two weeks or more in a full-time job. (c) Persons who had not worked full-time for two weeks or more during the last two years but who had at some time in the past.

TECHNICAL NOTE

Estimation Procedure

1. The labour force estimates are derived from the population survey by use of a complex ratio estimation procedure. This procedure ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the Estimates

2. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. The sampling error is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, the estimates and the movements derived from them are subject to sampling variability; that is, they may differ from the figures that would have been obtained if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about nineteen chances in twenty that the difference will be less than two standard errors. The standard error can also be expressed as a percentage of the estimate, and this is known as the relative standard error.

3. A table of standard errors of estimates derived from the survey and of monthly, quarterly and annual movements since February 1978 is given below. Details of standard errors for estimates and of annual movements prior to February 1978 are contained in the bulletin The Labour Force, Australia, 1978 (6204.0). The standard errors of quarterly movements for periods prior to February 1978 were published in the Technical Note in the November 1977 issue of this bulletin.

4. Standard errors of estimates can be determined from columns 1, 2 and 3 in the table below, as follows:

If the estimate obtained from the sample is 100,000 (see column (1)) the standard error is 3,900, i.e. 3.9 per cent of the estimate, and there are about two chances in three that the true figure is within the range 96,100 to 103,900 and about nineteen chances in twenty that this figure is between 92,200 and 107,800. As the standard errors in the table show, the smaller the estimate, the higher is the per cent (relative) standard error.

5. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than on the size of the movement. Standard errors of monthly movements (except September/October 1982) are given in column 5 of the table below. The standard error of the monthly movement is read against the larger of the two estimates appearing in column 1 from which the movement is derived. An example of the use of column 5 is as follows:

If the estimates for two successive months are 480,000 and 500,000 (i.e. an increase of 20,000), this column shows that the standard error of the monthly movement will be 5,100 (the figure shown in the column against 500,000 in column 1). That is, there are about two chances in three that the monthly movement lies between 14,900 and 25,100 and about nineteen chances in twenty that it lies between 9,800 and 30,200.

6. As mentioned in Section 6 of the Explanatory Notes, a completely new sample of dwellings was introduced in October 1982. Between September and October 1982, therefore, there was not the usual high proportion of dwellings common to each of two consecutive surveys and the standard errors of movements between these months and quarterly movements spanning this period, are higher than normal. Standard errors applying to movements between September and October 1982 are given in column 4 of the table.

7. Standard errors of all quarterly and annual movements are explained in the footnote to the table below.

8. The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude. The standard errors for Sydney Statistical Division are approximately the same as for New South Wales as a whole.

9. The relative standard errors of estimates of average duration of unemployment are obtained by first finding the relative standard error of the estimate of the total number of persons contributing to the estimate (see table below) and then multiplying the figure so obtained by 1.5.

10. The reliability of an estimated percentage or rate, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the relative standard error of the estimated percentage or rate will generally be slightly lower than the relative standard error of the

estimate of the numerator. The relative standard errors of the numerator can be obtained from column (3) in the table below.

11. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding of data, and errors made in processing the data. Inaccuracies of this kind are referred to as non-sampling errors - and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce non-sampling errors to a minimum by careful design of questionnaires, intensive training and supervision of interviewers, and efficient operating procedures.

12. Estimates below 4,500 have been excluded from this bulletin because they are subject to sampling variability too high for most practical purposes. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable.

STANDARD ERRORS OF ESTIMATES AND MOVEMENTS (a)

Size of estimate	Standard error of			
	Estimate		Monthly movements	
	Persons	Per cent	September/	Other
(1)	(2)	of estimate	October 1982	months
		(3)	(4)	(5)
4,500	1,000	22.2	1,500	1,000
5,000	1,100	22.0	1,500	1,100
6,000	1,200	20.0	1,700	1,200
10,000	1,500	15.0	2,100	1,400
20,000	2,000	10.0	2,900	1,800
50,000	3,000	6.0	4,200	2,500
100,000	3,900	3.9	5,500	3,200
200,000	5,000	2.5	7,100	3,900
300,000	5,800	1.9	8,200	4,400
500,000	6,900	1.4	9,700	5,100
1,000,000	8,500	0.9	12,000	6,100
2,000,000	10,000	0.5	15,000	7,200

(a) The standard error of the movement is read against the size of the larger of the two estimates, appearing in column 1, from which the movement is derived. The standard errors of quarterly movements spanning September/October 1982, and of all annual movements, are the same as those shown in column 4. Standard errors on quarterly movements not spanning September/October 1982 are those shown in column 5 multiplied by 1.4.

The Deputy Commonwealth Statistician issues a large range of publications presenting statistics relating to New South Wales. All of these are obtainable from the Australian Bureau of Statistics, St. Andrew's House, Sydney Square (George Street, next to Sydney Town Hall), Sydney.

The New South Wales Year Book presents a comprehensive statistical survey of the social, demographic, and economic structure and growth of the State, and describes the legislative provisions and administrative arrangements which are of significance for a proper interpretation and analysis of the statistics of the State. The Pocket Year Book and New South Wales in Brief contain a wide range of statistical and other material in compact form and are useful for handy reference. More recent statistics are available in the Monthly Summary of Statistics. The Handbook of Local Statistics presents a selection of the more important statistics available for geographical areas of the State. More detailed statistics relating to matters treated generally in the above publications are available in the various Subject Bulletins, which range from preliminary monthly statements to detailed bulletins presenting the results of periodic censuses, etc. A selection of the more important subject bulletins is shown below.

Catalogue No.	Publication	Month of Issue	Price	
			Excl. postage	Incl. postage
			\$	\$
1301.1	New South Wales Year Book, No. 68, 1983 (hardcover)	Jan. 1984	23.00	25.00
1301.1	New South Wales Year Book, No. 68, 1983 (softcover)	Jan. 1984	18.00	20.00
1302.1	Pocket Year Book of New South Wales, 1983	May 1983	2.00	2.50
1303.1	New South Wales in Brief, 1983	May 1983	Free	Free
1304.1	Handbook of Local Statistics, 1983	Nov. 1983	1.50	2.20
1305.1	Monthly Summary of Statistics, February 1984	Feb. 1984	1.00	1.70
	Census 1981, Characteristics of Persons and Dwellings in Local Government Areas			
2401.1	Part 1, Sydney, Hunter and Illawarra Statistical Divisions	Feb. 1983	1.50	2.20
2402.1	Part 2, Balance of State	Feb. 1983	3.10	4.30
3101.1	Population and Migration, 1982	Jan. 1984	1.00	1.70
3206.1	Estimated Resident Population of Municipalities and Shires, June 1982	Sept. 1983	Free	Free
3208.1	Estimated Resident Population and Components of Change in Population of Local Government Areas, 1976 to 1981	Sept. 1983	1.00	1.70
3301.1	Summary of Vital Statistics, 1982	Nov. 1983	Free	Free
3302.1	Causes of Death, 1982	Feb. 1984	1.50	2.20
3303.1	Perinatal Deaths, 1982	Jan. 1984	1.00	1.70
3305.1	Marriages, 1982	Sept. 1983	Free	Free
3306.1	Births, 1982	Dec. 1983	1.00	1.70
3307.1	Deaths, 1982	Jan. 1984	1.00	1.70
4202.1	Schools, 1982	Nov. 1983	1.00	1.70
4203.1	Tertiary Education, 1981	Apr. 1983	Free	Free
4307.1	Census of Hospital and Nursing Home Inpatients, August 1981	Sept. 1983	Free	Free
4502.1	Higher Criminal Courts, 1981	Nov. 1982	1.00	1.70
5502.1	Local Government Finance, 1981	June 1983	1.50	2.20
6201.1	The Labour Force, (quarterly) November 1983	Feb. 1984	Free	Free
7221.1	Livestock and Livestock Products, 1981-82	Apr. 1983	1.50	2.20
7321.1	Crops and Pastures, 1981-82	Apr. 1983	1.50	2.20
7322.1	Fruit, 1981-82	Mar. 1983	1.00	1.70
7411.1	Agricultural Land Use and Selected Inputs, 1981-82	Apr. 1983	1.00	1.70
7501.1	Value of Agricultural Commodities Produced, 1981-82	Sept. 1983	Free	Free
	Census of Manufacturing Establishments -			
8201.1	Summary of Operations, by Industry Class, 1981-82	Aug. 1983	Free	Free
8202.1	Details of Operations by Industry, 1981-82	Sept. 1983	1.00	1.70
8203.1	Small Area Statistics, by Industry, 1981-82	Oct. 1983	1.00	1.70
8401.1	Mining, 1981-82	Aug. 1983	1.50	2.20
8608.1	Tourist Accommodation, September Quarter 1983	Feb. 1984	Free	Free
8731.1	Building Approvals, (monthly) December 1983	Feb. 1984	Free	Free
8741.1	Dwelling Unit Commencements Reported by Approving Authorities April-June 1983	Feb. 1984	Free	Free
8752.1	Building Activity, June Quarter, 1983	Nov. 1983	1.00	1.70
9301.1	Motor Vehicle Census, September 1982	Aug. 1983	Free	Free